WHAT IS CLAIMED IS:

1. A flexible, auxiliary frame mounted on a flexible frame of a pair of eyeglasses, the frame including, at its back, a hole in a center of a bridge, two protrusions having a larger bottom at both sides of the hole, and two slots at endpieces, the auxiliary frame comprising:

a forward tab at a bridge thereof;

two grooves at both sides of the tab;

two projections having a larger outer end disposed at endpieces thereof; and

10 a rear pad,

wherein the projections are matingly fitted in the slots, the tab is fitted in the hole, and the protrusions are fitted in the grooves respectively, and the frame together with the auxiliary frame are adapted to flexibly expand in response to a lateral bending.

15 2. The auxiliary frame of claim 1, wherein each of the frame and the auxiliary frame is formed of thermoplastic material.